

Dkt No. PP00362.102  
USSN: 09/674,183  
PATENT

### AMENDMENT

#### **In the Claims:**

The following listing reflects amendments to the claims and replaces all prior versions and listings of claims in this application.

1-4. (Cancelled)

5. (Currently amended) A carrier protein ~~according to claim 4~~, that comprises a P23TT, P32TT, P21TT, ~~P4Cs~~ PFT3, P30TT, P2TT, HBVnc, ~~HA~~ influenza hemagglutinin (HA), HbsAg and ~~MT~~ influenza matrix (MT) CD4+ T cell epitope epitopes.

6. (Currently amended) A ~~The~~ carrier protein according to claim 4 ~~5~~, that further comprises a ~~P23TT, P32TT, P21TT, P4Cs, P30TT, P2TT, HBVnc, HA,~~ HbsAg, MT and an hsp70 CD4+ T cell epitope.

7-12. (Cancelled)

13. (Currently amended) A ~~The~~ carrier protein according to claim ~~11~~ 37, wherein the polysaccharide is from ~~any one of the following organisms: S. pneumoniae, N. meningitidis, S. aureus, Klebsiella, or S. typhimurium.~~

14. (Currently amended) A ~~The~~ carrier protein according to claim ~~11~~ 37, wherein the polysaccharide is conjugated to the carrier protein by a covalent linkage.

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15. (Currently amended) ~~A~~ The carrier protein according to claim ~~14~~ 37, wherein the polysaccharide is conjugated to the carrier protein by reductive amination.

16-32. (Cancelled)

33. (Currently amended) ~~A~~ The carrier protein according to claim 5, wherein the CD4+ T cell epitopes are human CD4+ T cell epitopes.

34. (Currently amended) ~~A~~ The carrier protein according to claim 6, wherein the CD4+ T cell epitopes are human CD4+ T cell epitopes.

35. (Currently amended) ~~A~~ The carrier protein according to claim 5, wherein the carrier protein is in an oligomeric form.

36. (Currently amended) ~~A~~ The carrier protein according to claim 6, wherein the carrier protein is in an oligomeric form.

37. (Currently amended) ~~A~~ The carrier protein according to claim 5, conjugated to a polysaccharide.

38. (Currently amended) ~~A~~ The carrier protein according to claim 6, conjugated to a polysaccharide.

39. (Currently amended) ~~A~~ The carrier protein according to claim 37, wherein the polysaccharide is an *Haemophilus influenzae* type B polysaccharide.

40. (Currently amended) ~~A~~ The carrier protein according to claim 38, wherein the polysaccharide is an *Haemophilus influenzae* type B polysaccharide.

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41. (Previously presented) A vaccine comprising the carrier protein according to claim 5.

42. (Previously presented) A vaccine comprising the carrier protein according to claim 6.

43. (Previously presented) A vaccine comprising the carrier protein according to claim 39.

44. (Previously presented) A vaccine comprising the carrier protein according to claim 40.

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